

WARREN SENTINEL



"Jolly Rogers"

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F.E. Warren Air Force Base, Wyoming

September 2, 2005

Rules of the road *What you need to know about bicycle safety* **11**

Labor Day *Find out what the holiday is all about* **9**

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GOOD, CLEAN FAMILY FUN ...

Senior Airman Candace Westbrook, 90th Medical Operations Squadron, paints the face of a young Warren member during Frontiercade 2005 Aug. 26. For more Frontiercade photos, see Page 12.

Photo by Airman 1st Class Tessa Cubbon

Warren
Fire Dept
named best
in AF

5



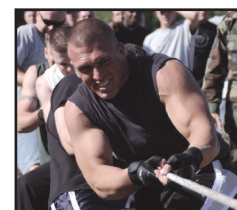
90 CES
named
softball
champs

17



Warren
celebrates
Frontier-
cade 2005

12



Commentary

Impavide ...

Chief Master Sgt. Mark Brejcha
90th Mission Support Group Superintendent

Driving cross country from Michigan to the doorstep of my new assignment here, I had time to think. Iowa and Nebraska sort of do that to you. About 100 miles out (I've done this for all nine assignments) I turn off the radio and quietly ask God and myself, what is my upcoming mission at my new Air Force home? I call it my personal "Final Approach." It is at this time that I open my sealed orders (figuratively speaking). Here's what I mean ...

I had recently come from a remote assignment with the Wolf Pack at Kunsan AB, Korea. I did the same thing back in June 2004 when I was flying across the Pacific and asking myself, "What will my personal mission be when wheels touch-down in Korea?" I actually wasn't certain in my inner-man until I was in the air between Osan and Kunsan, looking down on the rice paddies and mountains ... Fully present, fully engaged" came the reply. The message was crystal clear. It proved to be the bedrock for my entire tour. As their chief, I was to limit my running around Korea and be there for the troops in an extra-special way. Especially important was being there on the weekends. I kept this slogan ever before me during the tour and it led to total success.

My conviction of what my "marching orders" here were suppose to be didn't take place until I was a couple days into my temporary lodging facility stay and I opened up the newcomer's guide for the 100th time. This time I paused on page two to absorb the write-up of our wing motto – impavide. The message, my personal message, was crystal clear again – "Mark, the Mighty 90 is about missiles. We're about undaunted persis-

tence in the face of hardship, fear and difficulty. Spread the word, Mark, and let people know "who they are" (remember "The Lion King") while assigned at Warren."

Here's what this Latin word impavide means: pronounced: IM-PAH-VI-DAH "Undauntedly" - courageously resolute especially in the face of danger or difficulty. Not discouraged.

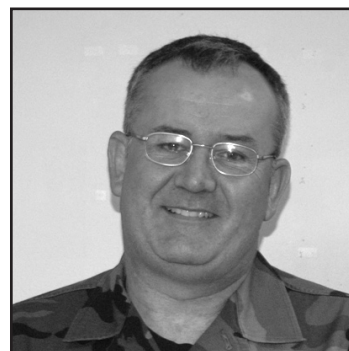
I believe this motto needs to be interwoven throughout everything we do. One of the first impressions I received about Warren, from its marvelous people and its mission, is the diversity between the organizations without any real strong ties between them. It doesn't mean that we're not a team or dysfunctional in any way. We function very well in our specialties. It means that it's a challenge to get everyone on the same page sometimes. Missileers, cops, support and medics are all very different and unique worlds. Here's a suggestion of how we can all come together and create the "impavide swagger" here:

1. When we salute each other, substitute the normal greeting of "Good morning, sir/ma'am with "Impavide sir/

Impavide, Page 3

Man on the street

The Warren Sentinel asked Warren members, "What are your plans for Labor Day weekend?"



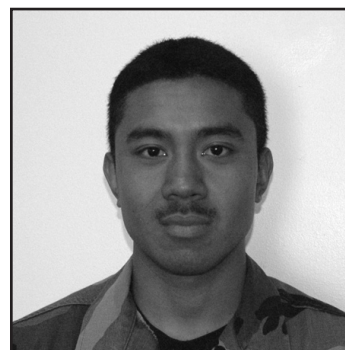
"I will be reading books for my two college classes coming up. Then I will go to Laramie and visit the old prison."

- Tech. Sgt. Michael Byrd, 90th Space Wing Historian



"I will spend time with my family, buy a big screen TV with complete surround sound and shovel rock."

- Maj. Jeffrey Jenkins, 90th Space Wing Plans and Programs



"I will go to a barbecue and watch movies."

-Airman 1st Class Jordan Ringais, 90th Civil Engineer Squadron



"I am planning to take my boys camping. I think we're going to Snowy Mountain."

- Capt. Brian Rico, 90th Maintenance Operations Squadron

WARREN SENTINEL STAFF

"Jolly Rogers"

Col. Michael Carey
90th Space Wing Commander
Capt. Warren Neary
Chief of Public Affairs
2nd Lt. Josh Edwards
Chief of Internal Information
Tech. Sgt. Steve Goetsch
NCOIC of Internal Information

Airman 1st Class Connor Elayan
Editor
Senior Airman Lauren Hasinger
Staff writer
Airman 1st Class Tessa Cubbon
Staff writer
Airman 1st Class Brandy Holcepl
Staff writer

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Don't lose track of the big picture

Dealing with the fudge factor

Lt. Col. Mark Murphy
354th Maintenance Squadron
Commander

EIELSON AIR FORCE BASE, Alaska — “Daddy, can I have a box?”

It was a hot summer day near Chanute Air Force Base, Ill., and I was unpacking from the first of many permanent change of station moves in my career. I turned to answer my five year-old daughter who was looking up at me with big brown eyes.

“What do you need the box for?” I asked.

She replied, “Sherry and Terry’s kitty died and we need a box to bury him in.”

My heart melted. What parent could resist such a touching moment? So I grabbed the nearest box and sent her on her way. Problem solved.

You can imagine my horror when, a few minutes later, I glanced out the window and saw my daughter, her two friends and the box out in the street. They were using sticks to try to pry something off the pavement.

Realizing I’d made an error by

not asking a critical question, I ran outside to get the girls out of the street. My daughter quickly pointed out what was keenly obvious: they couldn’t get the cat in the box. I looked down at the biggest Siamese cat I’d ever seen, stuck to the hot Illinois asphalt like a chunk of firewood frozen to the ground in the middle of winter. The girls lovingly called this chunk of roadkill “Fudge.”

Since I grew up on a farm, I’ve got a pretty strong stomach. So I brushed away the flies, kicked Fudge loose, grabbed him by the tail, and tossed him in the box with a thunk. The girls thanked me and headed back to Sherry and Terry’s house. Problem solved. Or so I thought. No sooner did I have my hands washed when the girls were back at the front door with the box. My daughter explained her friends’ dad wouldn’t let them bury Fudge in their backyard. Could they bury him in ours?

Suddenly what little cuteness that remained was gone.

“Absolutely not!” I told her. “For one thing, I rent this house. For another, I’m not burying another man’s cat in my backyard.”

A little disappointed, the girls left again. Problem solved.

A few minutes later they were back asking for a shovel. “Sorry, I told them, I don’t have a shovel (which was true).” This was a relief because I assumed that if they were look-

ing for a shovel the other dad had changed his mind about burying the cat in his yard. Problem solved.

It didn’t take long to find out I assumed wrong. I looked out the back window and found them in a vacant lot between two houses behind ours, sitting next to the box and scratching in the dirt with teaspoons. The afternoon drew on and, as you can expect, they made little progress. Soon dinner time arrived and the girls all got called home to their respective families, abandoning what little interest they had in Fudge along the way.

After dinner, I looked out the back window. The rays of the setting sun shone on the box sitting in the middle of the vacant lot. I chuckled at the thought of some passerby getting curious and looking in the box. At least it wasn’t my cat.

Then my eye caught something I hadn’t noticed before -- little black marks on the box. I suddenly realized it wasn’t just an ordinary moving box. It was a box I’d used to mail things from Officer Training School.

There, in the vacant lot behind my house, was a cardboard box with a petrified cat inside and my name and address on the outside. At the end of the day, that cat didn’t belong to its owner, the person who hit it or even the girls who tried to bury it. That cat was mine, and suddenly the thought of someone finding it wasn’t so funny anymore.

A magic marker and a trip to a dumpster downtown solved the problem for good. But I’ve thought about that day throughout my career.

If only someone had told me that the dad down the street had no intention of burying that cat. If I’d only noticed my name and address on the box. If only I’d asked more questions.

How many times have you seen someone who made a series of decisions that all seemed perfectly reasonable and valid at the time, but yet things still went horribly wrong? I’ve seen it again and again in safety reports, hospital rooms, courtrooms and commanders’ offices. My experience with Fudge is not unusual. People often get lost in details and lose track of the big picture. Despite the best intentions, the damage is done before they fully realize what they’re dealing with.

When someone gets into a situation, it’s your responsibility to give them a crosscheck and get them to see the forest instead of the trees. It’s also important to watch yourself, look down the road, and focus on where you’re going, not just where you are.

Faced with a challenging situation, it’s human nature to get tunnel vision and be blindsided by something you didn’t anticipate. Watch for this in yourself, and watch for it in your people, because trust me. You don’t want to be stuck with the cat at the end of the day.

Impavide, from Page 2

ma’am”. In essence, you’re saying, “Greetings warrior, I’m on a team that deals with missiles and I’m fearless.” In addition, have conviction in your voice and a steely-eyed

look about you.

2. When you pass each other in the hallway, do a knuckle bump with your colleagues and say, “Impavide, baby!” This brings a smile and let’s each other

know that we’re a unique band of brothers and sisters; unique to the military and civilian warriors who are stockholders on this base.

3. Substitute hoo-ah

(thousand reasons why you use that slogan) with impavide. For example, “Staff Sgt. Rock, did you finish those training reports?” The reply, “IMPAVIDE, sir (translation

– Yes, 10-4, absolutely).”

It’s that simple, yet that profound. A one-word motto that pulls us all together and reminds us of who we are – “the undaunted.” Impavide, baby!

6 by 3.5

full page ad

Warren Fire Dept brings home the gold

Airman 1st Class Tessa Cubbon
90th Space Wing Public Affairs

The 90th Space Wing Fire Department is no stranger to success.

Translation: It's the best fire department in the Air Force.

Since it received the Chief Master Sgt. Ralph Sanborn award last May, an award recognizing the best fire department in the civil engineer community of the Air Force, it now operates as the gold standard.

Along with winning the Sanborn award in 2004, the Warren Fire Department took home 22 squadron-, 11 group-, 10 wing- and three major command-level awards for its hard work. It also captured runner-up honors for two Department of Defense-level awards.

Master Sgt. Joe Walsh, Warren Fire Department, credits these awards to the hard work of the flight, excellent leadership, community outreach and the department's quick and successful response to several headline-grabbing incidents this past year.

"In our job you can't plan for bad things to happen to good people. Unfortunately, a lot of the recognition in emergency services stems from the misfortune of others, but we're trained and ready to respond when needed and that happened several times during the past year," said Sergeant Walsh.

Hinting at the from-one-end-of-the-spectrum-to-the-other variety of incidents the fire department handles,



Photo by Airman 1st Class Tessa Cubbon

Staff Sgt. Matthew Rowland, Warren Fire Department Crew Chief, (left) assists local civic emergency responders in putting a mock accident victim on a gurney during an off-base exercise, May 18. Sergeant Rowland contributed to the team effort that resulted in the 90 SW Fire Department's many awards, including Air Force Fire Department of the Year.

Sergeant Walsh said his team is prepared to respond to minor incidents such as a child's scraped knee to major incidents such as the 33-car pile-up on I-80.

Because the fire department has such a noticeable presence outside Warren's gates, it works closely with the city's emergency responders.

When Warren's finest responded to the December fire in downtown Cheyenne, that destroyed a historic building which housed the Wyoming Home retail store and Mary's Bake

Shoppe, it proved why it deserves the kudos.

"Fortunately, these guys were in the right place at the right time to save a lot of folks," said Sergeant Walsh.

Because of the relationship with the Cheyenne community, the fire department has a very proactive view of their relations and helping it as a whole, said Sergeant Walsh.

Warren's fire department has a mutual aid agreement with other local responders.

"No fire department is capable of handling large-scale incidents on their own," said John McDougall, Chief of Warren's Fire Department.

Chief McDougall attributes a portion of his flight's success to responders in the local area. "They deserve a great deal of the credit," he said.

"It expands further than our gates," said Sergeant Walsh. "It's a partnership that needs to be shared by all. When push comes to shove, they act together and they do a great job. For one flight of 55 firefighters, they worked really hard."

Sergeant Walsh has been recognized for his individual efforts as well.

He was recently selected as the 2004 United States Air Force Military Fire Department Officer of the Year and Department of Defense runner up in the same category.

"I was humbled," he said. "There's no doubt in my mind to the reason why I was selected to receive that award is because of the hard work demonstrated by the people I work with, for and that work for me."

For such a humble group, the attention the fire department recently has received is shared equally among its members.

"Everybody is deserving. What brought their accomplishments to the forefront was their dedication to duty and their ability to act as a team on the fire ground," said Sergeant Walsh.

"It's just part of our job."

Free symphony tickets offered to Warren members

2nd Lt. Josh Edwards
90th Space Wing Public Affairs

Three-hundred free tickets are available to Warren members and their families for a military appreciation night concert by the Cheyenne Symphony Sept. 10 at the Cheyenne Civic Center.

The concert begins at 8:00 p.m. There is also a "Classic Conversations" presentation at 7 p.m. in which the symphony members tell the audience about the music they perform.

To receive free tickets, members must present their military ID at the Cheyenne Civic Center box office any time before the concert.

Erin Turbitt, Orchestra Manager, encourages members to wear their military uniforms to the concert.

She also stresses that members should go to the box office early to get their tickets, as tickets are limited.

"The Cheyenne Symphony has extended a generous offer to the Warren community, and we hope to see a strong turnout of military families at this free, first-class concert," said Lt. Col. Kirk Davies, 90th Space Wing Staff Judge Advocate and military liaison to the Symphony Board.

For questions or additional information on this event, contact the box office at 778-8561 or Colonel Davies at 773-2256.



Courtesy photo

READERS CELEBRATE

Connor Burton receives a prize from Lara Schnick for most original costume during the library's summer reading program party Aug. 19. For more information on library events, call 773-3416.

Briefs

Base power outage

Portions of Warren will experience a power outage throughout the day Wednesday and Sept. 9.

The outage is required to perform preventive maintenance on the high voltage equipment. Periodic maintenance is required to avoid an unplanned, catastrophic failure.

See Channel 19 for a list of outage times and locations.

For more information, contact 90th Civil Engineer Squadron Customer Service at 773-3175.

Warren offers relief

A relief fund is being established to aid victims of Hurricane Katrina.

The drive will be Tuesday through Sept. 16 and cash, check or money orders are welcome. Contact your first sergeant or commander for details as they become available.

First sergeants and commanders can contact wing plans office at 773-2135 for more information.

Peacekeeper deactivation alumni celebration

The 90th Space Wing invites all the men and women who've worked with the Peacekeeper mission during their military or government careers for a celebration Sept. 19 and 20 in recognition of the Peacekeeper deactivation.

For more information or to register, visit www.PKdeact.com. Spaces are limited to a first come-first served basis. Participants must procure their own billeting and travel arrangements.

Free group fitness classes

The indoor track offers free group fitness classes. Classes are open to military, dependents, DoD civilians and guests.

Class formats include step, power conditioning, power training, 3-2-1, fire and ice, kickboxing, pace, total pump, tuff and yoga. (See posting on group fitness room door for explanations of class formats and current schedule.)

All classes are taught by certified instructors. Schedules are subject to change without notice.

For more information, contact the Freedom Hall at 773-6172.



Photo by Berni Ernst

MEET AND GREET

Bradley Berkson (right), Program Analysis and Evaluation Director and Acting Deputy Under Secretary of Defense for Logistics and Materiel Readiness is introduced to Maj. Darren Easton, 37th Helicopter Flight Commander, by Col. Michael Carey, 90th Space Wing Commander Aug. 23.

AFJROTC looks to fill 60 instructor positions

Master Sgt. Ralph Bitter
AFOATS Chief of Instructor Marketing

Air Force Junior Reserve Officer Training Corps has instructor opportunities for retired or soon-to-be retired officers and NCOs.

Currently Air Force JROTC has more than 60 instructor positions open in high schools around the country.

AFJROTC is in the process of expanding and will be opening up to 75 new units by the beginning of the 2006 school year.

All applicants must be retired from active duty less than five years from the effective date of employment (may be waived in exceptional cases).

If still on active duty, applicants must have applied for retirement to be effective within six months.

Instructors must meet Air Force weight/body fat standards and have high standards of military bearing, appearance and moral character.

Officers must have a baccalaureate degree or higher from an accredited institution.

NCOs must have a high school diploma or equivalent. A minimum of an associate's degree will be required in the near future.

Instructors wear the Air Force uniform and are expected to maintain appearance standards.

In addition, they receive, at a minimum, a salary equal to the difference between their retirement pay and their active-duty pay and allowances.

At this time, Alaska, Arizona, Arkansas, California, Florida, Georgia, Illinois, Iowa, Kansas,

Louisiana, Maryland, Massachusetts, Michigan, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Puerto Rico, Rhode Island, Texas, Utah and Washington have high schools which need AFJROTC instructors.

For more information, call JROTC 1-866-235-7682, ext. 35275 or 35300. The DSN number is 493-5275 or 5300.

For a list of schools and locations, go to <http://www.afoats.af.mil/AFJROTC/Instructors.asp>.



Construction Corner

Road Closure until Sept. 30 at the intersection of Old Glory Road and Fuel Road

Old Glory Road and Fuel Road will close Sunday to Sept. 30 to replace distribution lines. One lane of traffic will flow in each direction. Buildings 665 and 660 can be accessed via South Frontier Road to the east end of Fuel Road. Note the actual construction site and follow the signs provided.

For more information, contact Tech. Sgt. Rodell Reed at 773-4097.

Full Page ad

Full Page ad

WORKING HARD ...

Giselle LaBoy, 8, and Alicia White, youth center leader, make king necklaces during the Mardi Gras-themed end-of-summer picnic at the youth center Aug 25. Children at the youth center made Mardi Gras masks and broke two piñatas as part of the celebration. Parents were invited to share a picnic-style supper with their children amidst the festivities.



Photo by Staff Sgt. Theresa Donnelly

Labor Day: A national tribute to achievements, contributions of American workers

Courtesy of U. S.
Department of Labor

"Labor Day differs in every essential way from the other holidays of the year in any country," said Samuel Gompers, founder and longtime president of the American Federation of Labor. "All other holidays are in a more or less degree connected with conflicts and battles of man's prowess over man, of strife and discord for greed and power, of glories achieved by one nation over another. Labor Day ... is devoted to no man, living or dead, to no sect, race, or nation."

Labor Day, the first Monday in September, is a creation of the labor movement and is dedicated to the social and economic achievements of American workers.

It constitutes a yearly national tribute to the contributions workers have made to the strength, prosperity, and well-being of our

country.

The first Labor Day holiday was celebrated on Tuesday, Sept. 5, 1882, in New York City, in accordance with the plans of the Central Labor Union. The Central Labor Union held its second Labor Day holiday just a year later, on Sept. 5, 1883.

In 1884 the first Monday in September was selected as the holiday,

as originally proposed, and the Central Labor Union urged similar organizations in other cities to follow the example of New York and celebrate a "workingmen's holiday" on that date. The idea spread with the growth of labor organizations, and in 1885 Labor Day was celebrated in many industrial

centers of the country.

More than 100 years after the first Labor Day observance, there is still some doubt as to who first proposed the holiday for workers.

Some records show that

place in Labor Day history has not gone unchallenged. Many believe that Matthew Maguire, a machinist, not Peter McGuire, founded the holiday. Recent research seems to support the contention that Matthew Maguire,

later the secretary of Local 344 of the International Association of Machinists in Paterson, N.J., proposed the holiday in 1882

while serving as secretary of the Central Labor Union in New York.

What is clear is that the Central Labor Union adopted a Labor Day proposal and appointed a committee to plan a demonstration and picnic.

The character of the Labor Day celebration has un-

dergone a change in recent years, especially in large industrial centers where mass displays and huge parades have proved a problem. This change, however, is more a shift in emphasis and medium of expression.

Labor Day addresses by leading union officials, industrialists, educators, clerics and government officials are given wide coverage in newspapers, radio, and television.

The vital force of labor added materially to the highest standard of living and the greatest production the world has ever known and has brought us closer to the realization of our traditional ideals of economic and political democracy.

It is appropriate, therefore, that the nation pay tribute on Labor Day to the creator of so much of the nation's strength, freedom, and leadership — the American worker.

**LABOR DAY CONSTITUTES A
YEARLY NATIONAL TRIBUTE TO THE
CONTRIBUTIONS WORKERS HAVE
MADE TO THE STRENGTH, PROSPERITY,
AND WELL-BEING OF OUR COUNTRY.**

Peter J. McGuire, general secretary of the Brotherhood of Carpenters and Joiners and a cofounder of the American Federation of Labor, was first in suggesting a day to honor those "who from rude nature have delved and carved all the grandeur we behold."

But Peter McGuire's

Full Page Ad

Know your rights

Bicycle riders follow same rules as motorists

90th Space Wing Safety

It's happened to all of us routinely and usually when you're running late and in a hurry.

As you go down the street you see a bicycle rider up ahead. They're riding on the edge of the road but still it's hard for you to get around them with on-coming traffic. Most people slow down and wait until it is safe to pass while others try to squeeze by. If the bike rider is lucky the most that will happen is they'll get the scare of their lives. But sometimes they are not so lucky. Every year 800 bicyclists die in accidents. More than 90 percent of these deaths involve motor vehicles.

Slow moving bicycles on the road frustrate motorists. However, bicycles have the same right to use the road as cars and trucks. In fact, that's where they belong, not on sidewalks and pedestrian paths. Bicycle riders must follow the same rules

as other vehicles. In other words, motorists must treat bicycles like they would any other slow moving vehicle on the road. This not only makes sense — it's the law.

Passing a bicycle can be irritating, but it's no different than passing other vehicles. Bike riders know this so they ride as far to the right as possible. Vehicles approaching bicycle riders have the obligation to treat them like any other slow moving vehicle such as a tractor or a street sweeper.

This means slowing down and waiting until there is a clear passing lane. Depending on the road type (two lane or four lane) the motorist may have to wait for on-coming traffic to pass. Drivers must then pull around into that lane as if passing a car. Trying to squeeze by can actually cause you to hit, severely injure or killing the rider. A motor vehicle is considered a deadly weapon and if used incorrectly, could result in the operator facing



Photo by Senior Airman Lauren Sixbey

criminal charges. The consequences of hurting or killing someone, and facing charges for it, may not be worth saving a little time. More importantly, do you want to be responsible for hurting or killing someone just to save a couple of minutes?

Bikers also have a responsibility when they ride on the street. They need to ride with the traffic flow. The installation traffic code requires riders to ride to the far right,

wear an approved helmet and be equipped with lamps if riding at night. In more than half the nationwide accidents involving bicyclists and motor vehicles, the bicyclists were found at fault by law enforcement officers.

These same rules of the road apply to joggers as well. While the safest place to run is on a designated track, some long distance runners prefer a "change in scenery." While this choice is inher-

ently more risky, they have the same rights as a vehicle operator. Unlike a bicyclist who rides with the traffic flow a runner should always go against the traffic.

Only by using common sense, common courtesy and looking out for the other guy, will we prevent tragic mishaps. Whether you are a bicyclist, jogger or driver, we all share the same road and have a responsibility to look out for each other.

Make safety #1 on back to school list

Staff Sgt. Mark Jenkins 90th Space Wing Safety

Back to school means new teachers, new faces and school supplies. It also means strict traffic laws in or around school areas.

Slower speed limits and a watchful eye for the youngsters are required.

Pay careful attention to school bus loading zones as kids may have to cross the streets to get on or off the bus. Come to a complete stop if the bus stops to load or unload.

You'll know this by red flashing lights and extendable stop signs on the bus. If the signs are extended, stop at a safe distance and wait until loading or unloading is complete, the signs are retracted and the bus begins to move. Don't pass a bus.

Children are at times unpredictable. Children arriving late for the bus may dart into the street without looking for traffic. So pay close attention to kids gathering at bus stops or anywhere near school zones.

View the big picture and maintain the posted school zone speed limits.

Here are some bus stop safety tips for students and parents:

- Be at the bus stop at least

five minutes before the bus is scheduled to arrive.

- When the bus approaches, stand at least three giant steps (six feet) away from the edge of

the road and line up away from the street.

- Wait until the bus stops, the door opens, and the driver says that it is OK before

stepping on the bus.

- When crossing the street in front of the bus, walk on the sidewalk or side of the road to

a point at least five giant steps (10 feet) ahead of the bus before crossing. Be sure the bus driver can see you and you can see the driver.

- Look both ways before exiting the bus, be careful that clothing with drawstrings and book bags with straps do not get caught in the handrail or door.

- Never walk behind the bus. Walk at least three giant steps away from the side of the bus any time you are walking beside the bus.

- If you drop something near or under the bus, tell the bus driver. Never try to pick it up. The driver may not see you and begin to drive away.

Going back to school can be a pleasurable moment for returning students, parents and teachers. Make safety first and foremost on your back to school list.

GOING BACK TO SCHOOL CAN BE A PLEASURABLE MOMENT FOR RETURNING STUDENTS, PARENTS AND TEACHERS. MAKE SAFETY FIRST AND FOREMOST ON YOUR BACK TO SCHOOL LIST.

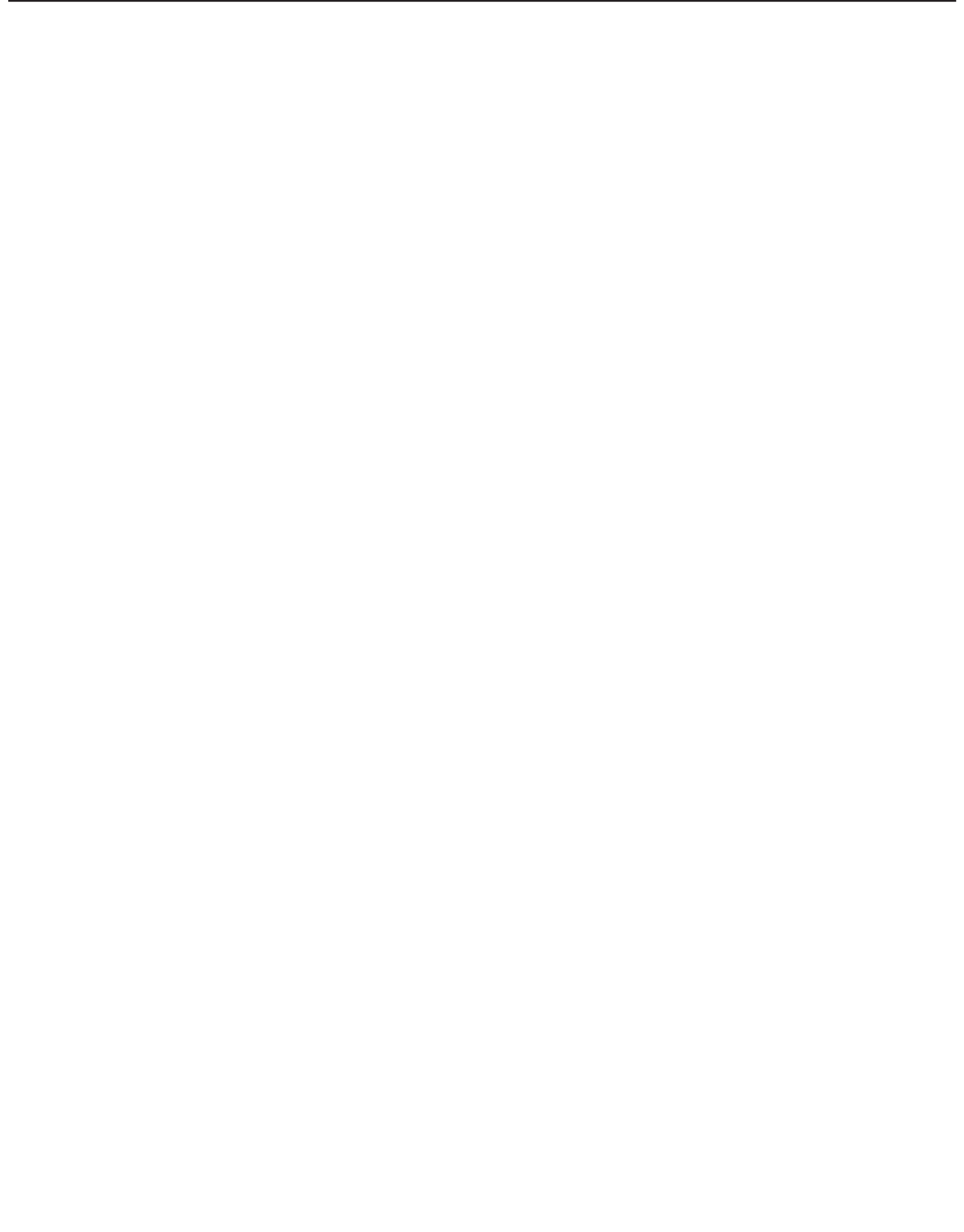




Photo by Tech. Sgt. Randy Mallard

TELEVISION STAR VISITS TROOPS IN SOUTHWEST ASIA

SOUTHWEST ASIA -- Staff Sgt. Andy Adducchio briefs comedian Drew Carey on his mission responsibilities Aug. 24 at this forward-deployed location. Mr. Carey was part of a five-person comedic team traveling the area to entertain forward-deployed troops. Sergeant Adducchio is a crew chief with the 180th Aircraft Maintenance Unit and is deployed from the Ohio Air National Guard's 178th Fighter Wing.

721st Environmental Branch improves air quality inside Cheyenne Mountain

Dwayne Ray
721st Civil Engineer
Squadron

CHEYENNE MOUNTAIN AFS, Colo. - The potential harmful effects of breathing diesel fumes came into sharp focus this year when the Clean Air Task Force released a report estimating that diesel fumes kill about 21,000 U.S. citizens each year. Typically, diesel exhaust exceeds the national ambient air quality standards for carbon monoxide, nitrogen oxides and particulate matter.

"The 721st Environmental Branch has a long-term goal of achieving near-zero exhaust emissions within Cheyenne Mountain and is taking a proactive four-phased approach to help reduce air quality health hazards without impacting operational status," said Dino Bonaldo, 721st Opera-

tions Branch chief.

The first phase of improving air quality in the North American Aerospace Defense Operations facilities has two parts. The first, already in progress, involves reducing diesel exhaust emitted from buses used to transport personnel in and out of the complex.

"Last Spring, transport buses were modified with a Particulate Reactor (TM) system that uses a catalyzed wire mesh substrate - basically, a high-tech filter placed in the exhaust system to remove pollutants," said Monte McVay, Air Force Space Command pollution prevention program manager. "The system is capable of achieving at least a 50 percent reduction in air pollution."

Preliminary data indicates a reduction in particulate matter, carbon monoxide and total hydrocarbons with no loss of fuel economy or

vehicle performance.

The second part of phase one focuses on replacing all diesel-fueled maintenance vehicles operated inside the complex with electric vehicles.

"Funding has been secured to purchase seven EVs that will be used to transport personnel, supplies and equipment inside the Cheyenne Mountain complex," said Mr. McVay. "Some of the fundamental benefits of using EVs are that they produce no tailpipe or evaporative emissions, so they do not impact indoor air quality. Compared to conventional vehicles, EVs are also extremely quiet, reducing noise pollution and creating a safer work environment. Much of the maintenance associated with operating a conventional vehicle, for example, fluid and filter changes, is also eliminated."

The second phase will

require a procedural change for the 721st Environmental Branch to reach the goal of near-zero exhaust emissions inside Cheyenne Mountain. Currently, there is no base policy that addresses exhaust emissions in the NORAD complex. A policy is being drafted and is anticipated to be finalized this December.

Phase three entails conducting feasibility studies for using biodiesel with the electric generators and converting the shuttle buses to biodiesel from petroleum-based diesel fuel to further reduce emissions. Biodiesel is a clean-burning alternative fuel, produced from domestic, renewable resources. Biodiesel contains no petroleum, but can be blended at any level with petroleum diesel to create a biodiesel blend. Biodiesel is simple to use, biodegradable, nontoxic and essentially free of sulfur and aromatics that contribute to air quality degradation.

Phase four will address re-engaging the transportation office on funding issues and life-cycle cost impacts.

"To meet the long-term goal of near-zero exhaust emissions inside Cheyenne Mountain, the recently retrofitted diesel buses that transport personnel in and out of the complex may eventually need to be replaced with pure electric, hybrid or fuel cell buses," said Mr. McVay.

The near-zero emission goal supports the mission of the 721st Mission Support Group to provide and operate secure, survivable systems and facilities for crews in Cheyenne Mountain to perform their air, space and missile warning missions.

"None of this can be achieved without clean, high-quality air to breathe inside our underground facility," said Mr. Bonaldo.

6 by 6.5



Greg Wilson, 90th Civil Engineer Squadron, crushes the ball to lace a base hit during Warren's softball intramural championship Aug. 24. 90 CES beat out 90th Security Support Squadron, 25-18.

Photos by Airman 1st Class Tessa Cubbon

90 CES named softball champs



Above: Fielder Brandon Zarlengo, 90th Civil Engineer Squadron, catches the ball to tag runner Bryan Sweetman, 90th Security Support Squadron, as Sweetman jumps out of the way.

Left: Umpire Sammy Gardner tells the home plate umpire the situation is right for an infield fly rule during the softball championship game.



Lieutenant combines AF needs with her own

First Lt. Je Raley is a well-known face in the 90th Civil Engineer Squadron. Besides being the president of the squadron's booster club, she's gone up for several quarterly awards. When she's not managing service contracts throughout the base or heading up squadron volunteer efforts for Cheyenne Frontier Days, she's at home discovering the joys of new motherhood. After greeting the interviewer with a bowl of chocolate-covered strawberries, Lieutenant Raley sat down with Senior Airman Tonnelle Thompson to discuss her military upbringing, the importance of CFD to Wyoming, and how her life has changed with the birth of her daughter.

Why do you think you were nominated for this?

Because I'm a glutton for punishment. [laughs]

Tell me about some of the awards you've won.

For the third quarter of 2004 and the second quarter of 2005, I won company grade officer at squadron and group levels.

What accomplishments do you think led to the latest set of awards?

My work with the state of Wyoming to build a Nuclear and Space Security Tactical Training center. It's the first of its kind in the space wing. It will train Airmen for convoys and marksmanship. We're also working on the Peacekeeper deactivation ceremony. We've already done three walkthroughs of the high bay chosen for it at Building 1501.

How did you come to be the president of the booster club?

I walked into a meeting, the chief was there and highly suggested I run, and I was unanimously voted in. Just like that I became a member, a part of the staff and the leader. There's a lesson about the system of democracy in there somewhere.

What are some of your day-to-day duties?

Special projects mostly, but my job is service contracts.

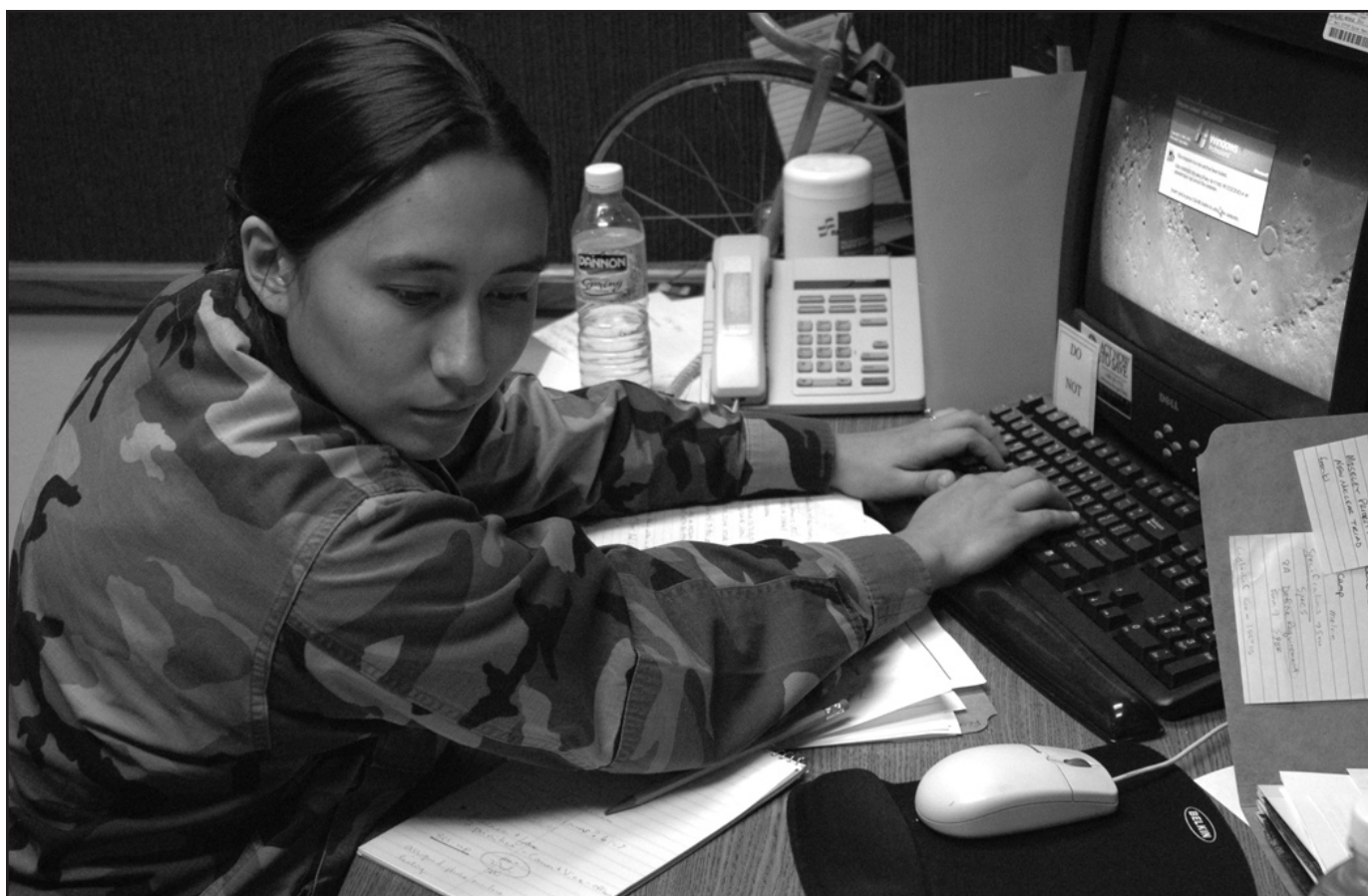


Photo by Senior Airman Tonnelle Thompson

First Lt. Je Raley, 90th Civil Engineer Squadron, logs on to the system to tackle service contracts as part of her daily work routine.

Large interior paint projects go through me. Equipment rentals and maintenance is a separate item concerning things like the mowers for the Missile Alert Facilities and any scissor lifts on base. But when they break down, we send them downtown to get fixed, and while they're being fixed we rent others to keep the job going without any downtime.

Tell me about the volunteer work the booster club did for CFD.

We handled stands cleanup. For \$4,000 we walked through the stadium aisles picking up whatever the crowd left behind between the rodeo and the concerts.

When not volunteering, did you enjoy CFD?

Of course. CFD is an important annual event for Cheyenne. The type of revenue, advertising, and just plain old good time that CFD brings to Cheyenne is clearly evident to me and would be to anyone who saw how much attention CFD gets weeks before it's here. Now I'm looking forward to Frontiercade on the 26th; not

much beats free food and live music.

Describe your hometown.

Auburn, Ala. I'm a military brat so we moved a lot, but I graduated college there, met my husband there, commissioned in the Air Force there, so it feels like home.

Tell me about your parents.

My dad, Jerome Keeler, is a retired Air Force master sergeant from explosive ordinance disposal. Second only to my husband, he's the most important man in my life. My mom, Sun Keeler, is the ultimate inspiration of courage and ability to me. Younger than I am now, she came over to a foreign country where she could hardly speak the language and has made quite a life for herself. She's my daily reminder that I can do anything, and there is nothing to fear.

Which base would you like to PCS to next?

I'm interested in combining Air Force needs with my own desires, by attempting to get an accompanied short tour at Lajes Field, in the Azores. I know that

shorts are a part of Air Force life, but the less time I have to spend away from my family, the better. Lajes Field will serve as an excellent opportunity for me to get further experience as a base-level engineer, and fulfill my short-tour commitment.

How have yours and your husband's lives changed since becoming parents?

Less sleep, more fulfillment. My husband, Brantley, is a stay-at-home dad, so the way I see it taking leave or going TDY aren't even options for him. He takes care of the house and our 10-month old daughter Savannah all day, every day; I couldn't even do it for more than two hours. He is the most patient, understanding man I've ever known.

Describe the experience of being a new mother.

Wonderful. You have no idea how capable you are of loving someone until you have a baby. I used to think I could never love anyone like I love my husband. Then our daughter came along and I realized I don't even like him very much compared to how I feel about her! [laughs]

To nominate an outstanding Warren servicemember, e-mail connor.elayan@warren.af.mil.

Full Page Ad

Full Page Ad

Full Page Ad

Boxing Exhibition

The Warren Boxing Team show off their skills in free exhibition matches 7 p.m., Sept. 10 at Fall Hall. Doors open at 6 p.m.

For more information, call 773-4495.

Last paintball tournament of the year

The final paintball tournament of the season is scheduled for Sept. 10. Sign up with a five-man team or as a single in the players' pool.

First-place winners will be awarded a paintball marker in addition to other prizes.

Prizes and trophies will also be awarded for second and third place.

The entry fee is \$15 per person and includes a marker, 20-oz. tank, protective gear and the first hopper of paint. The cost of paint is \$60/case (2000-count); \$30/1000-count; \$20/500-count. Official paintball tournament rules apply. Minimum age is 12. Tournament start time is 8 a.m. Early sign-ups are encouraged. For more in-

formation, contact outdoor recreation at 773-2988.

Red Cross swim lessons

Red Cross swim lessons are scheduled for Tuesday to Sept. 29, 4:30 to 5:30 p.m., Tuesdays and Thursdays.

The cost is \$26 (\$21 with family swim pass).

For more information, call the aquatic center at 773-3195.

Youth Bowling Program scholarships

The Youth Bowling Program offers scholarships to all participants ages 7 to 21. Pee Wee's earn trophies and gifts at the end of the season. Season begins Sept. 10, and certified coaches are available weekly to assist all youth bowlers. For more information, call Warren Lanes at 773-2210.

Military Appreciation Day

The final Military Appreciation Day at Coors Field is scheduled for Sept. 10 when the Colorado Rockies take on the Arizona Diamondbacks. Game time is 1:05 p.m.; trip

departs ODR at 10 a.m. The cost is \$16 and includes ticket and transportation.

Sign-ups are limited so reserve seats today. For more information, contact ODR at 773-2988.

Club members save money in services facilities

Club members now save 10 percent on Tuesdays during the membership drive, from now until Nov. 30 when they visit Warren Lanes (does not include league fees), Trail's End Club, Warren Golf Course, outdoor recreation, FAM Camp, aquatic center, arts and crafts center and auto skills center.

Club members must show club card and pay by cash, check or club card. No other credit cards may be used to receive this offer.

New Provider Orientation Class

A free New Provider Orientation Class is scheduled for 9 a.m. to 5 p.m., Sept. 12 to 16. All spouses interested in providing child care are

invited to attend. Pick up an orientation packet from the family child care office by Sept. 1, and turn in all paperwork by Sept. 6.

For more information, contact the FCC at 773-3317.

End-of-summer rental specials

Rent a camper for the long weekend for \$99 and get an extra day free – customer has the option to return it one day late (Thursday).

Rent any tent for the long weekend and pay the regular weekend rate plus \$4. Rent any other camping gear for the regular weekend rate.

Rent a 14-foot fishing boat for \$55 and get an extra day free. Rent a 17-foot fishing boat for \$95 and get an extra day free.

For more information, call ODR at 773-2988.

Fall bowling leagues

Warren lanes is now offering several bowling leagues.

Intramurals are scheduled for Wednesday and Thursday.

Friday night mixed leagues begin Sept. 9.

The youth program begins Sept. 10.

The youth/adult league begins Sept. 12

The Tuesday fun league begins Sept. 13.

For more information about intramural leagues, contact squadron sports representatives. Sign up sheets posted at Warren Lanes and the AAFES foyer. For more information, call Warren Lanes at 773-2210.

Tickets available at ODR

ODR has tickets available for the Denver Zoo. The cost is \$8 for adults; \$5 for children ages 3 to 11; and \$6.75 for seniors ages 65 and up.

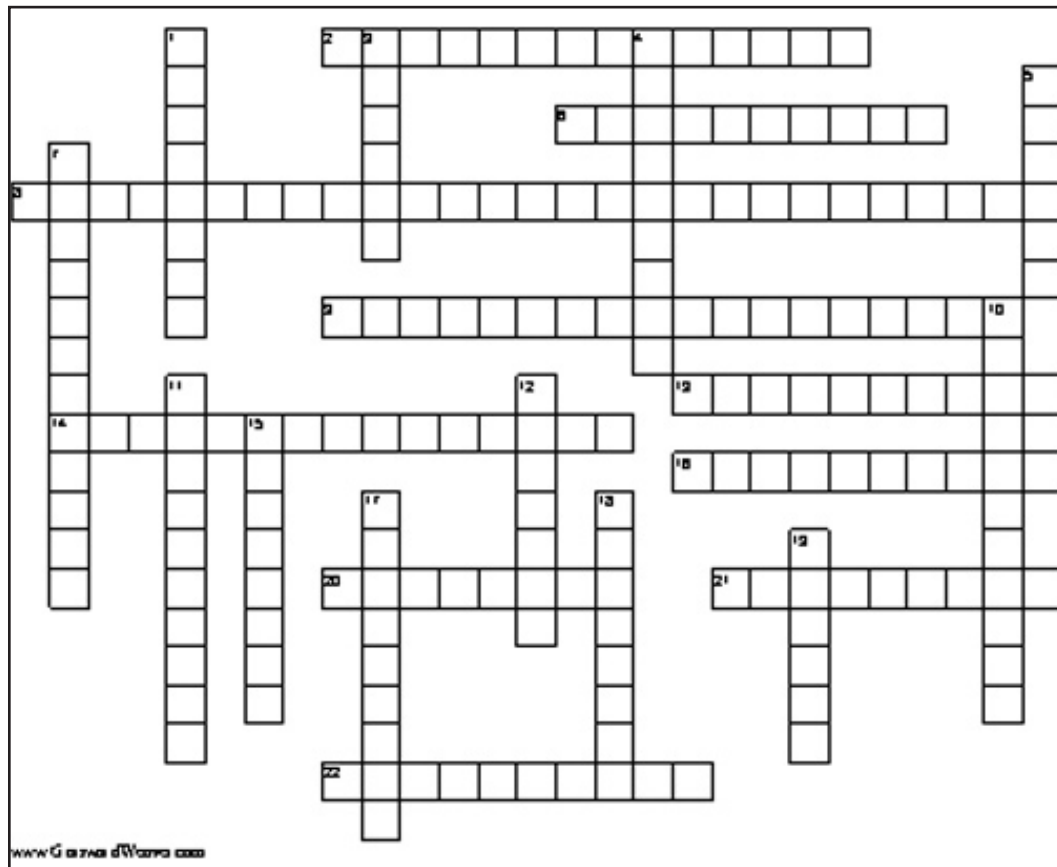
ODR has tickets available for Six Flags/Elitch Gardens. The cost for all ages is \$21 (good any day during their season, which continues after Labor Day until Halloween, when they will decorate for Fright Fest).

Tickets are also available for Water World. The water park is closed today and reopens Saturday.

6 by 6

101 Critical Days of Summer - Puzzle 3

Complete this puzzle by today at 4:30 p.m. and hand carry it to the safety office, located in Building 250, to win five points for your squadron. This is the final 101 CDS crossword puzzle.



Across

- 2 Used to load and unload weapons (2 words)
- 6 Minimum following distance (2 words)
- 8 Required to ride a motorcycle (4 words)
- 9 Cold weather bags required (2 words)
- 13 Speed limit in base housing areas
- 14 3-5 minute steady tone (2 words)
- 16 Minimum 1/4 on every tire (2 words)
- 20 Maintenance bible
- 21 Not a sharp saber
- 22 Prohibited when driving, biking or skating in traffic environment

Down

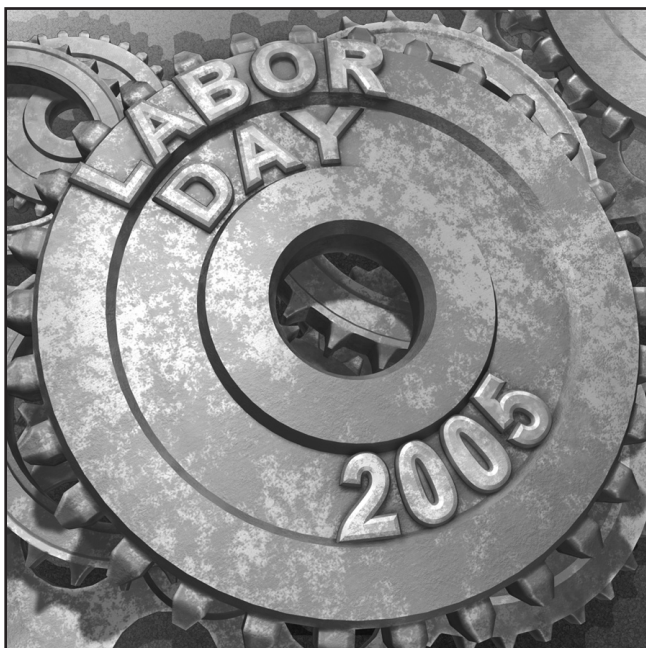
- 1 Pilots need this before flying
- 3 Comes in steps or extensions
- 4 Medical waste
- 5 No passengers allowed
- 7 Helmets must meet (abbr+word)
- 10 Freeze from the inside
- 11 Worn while servicing batteries
- 12 Who's got your six
- 15 Cords across walk-ways create a _____ hazard
- 17 Use to cut grass but never used as a hedger.
- 18 Friction between the tires and road surface
- 19 Digit protection

Personnel Reliability Program is everyone's responsibility

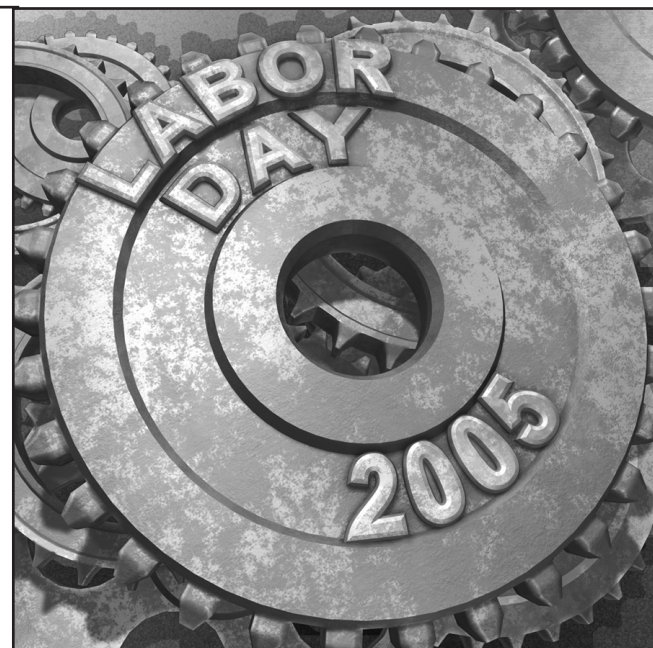
Question: Can an interim certified individual be paired in a two-person team with another individual also interim certified?

Answer: No, An interim certified individual cannot be paired in a two-person team with another individual also having only an interim certified PRP certification. Interim certified individuals are also required to be identifiable as interim certified to personnel in the area at all times.

Look for general knowledge questions and answers every week in the Sentinel, courtesy of the base PRP office.



**HAVE A FUN
AND SAFE
LABOR
DAY
WEEKEND**



Full Page
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